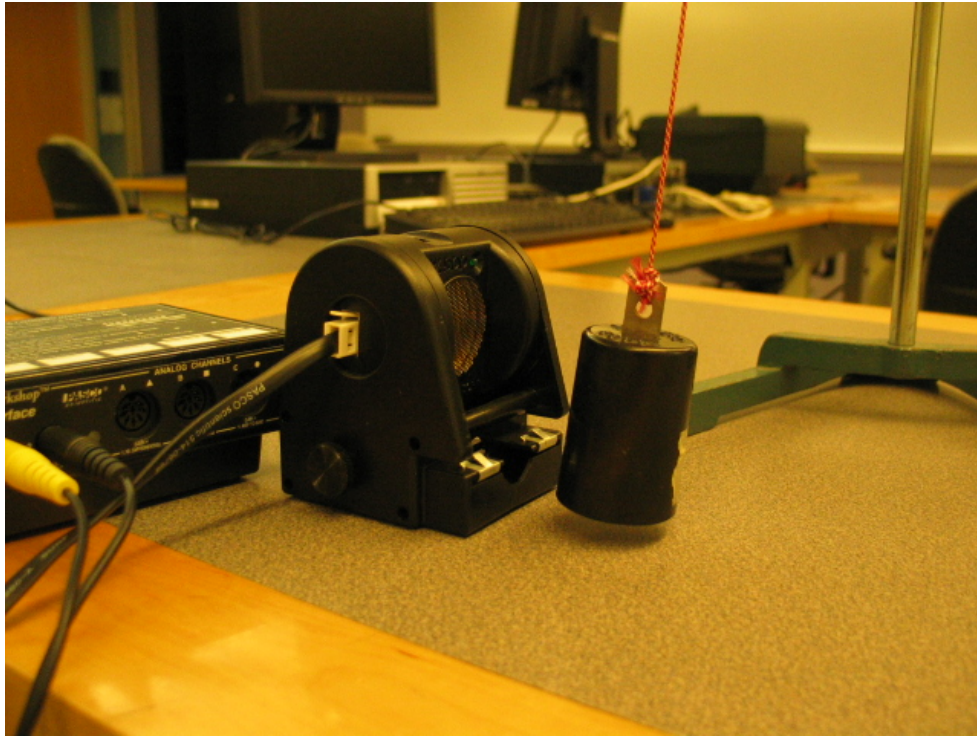


## Pendulum Motion



**Purpose:** To show the graphical representation of a simple periodic motion using motion sensor and Data Studio

**Location:** room 136, shelf L3 (pendulum in classroom)

Setup a motion sensor near the demonstration pendulum in the classroom. Use the narrow beam setting on the sensor and start the pendulum swinging in the line of the beam with small amplitude and display the graph on the front screen using Data Studio.